L Number	Hits	Search Text	DB	Time stamp
158	1	<pre>@ad&lt;=20010111 and 'silicide' same 'natural oxide' same 'NH.sub.3' with 'plasma'</pre>	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2004/08/30 14:02
159	3	<pre>@ad&lt;=20010111 and 'titanium nitride' same 'natural oxide' same 'plasma'</pre>	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2004/08/30 14:01
160	15	<pre>@ad&lt;=20010111 and 'silicide' same 'natural oxide' same 'plasma'</pre>	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2004/08/30 14:02
-	16	<pre>@ad&lt;=20010111 and 'dielectric' with 'titanium' and 'conductive barrier' and 'conductive plug'</pre>	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2004/08/30 07:26
-	173	@ad<=20010111 and (438/600).ccls.	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/06/11 11:43
_	49	@ad<=20010111 and (438/600).ccls. and 'titanium' and 'titanium nitride'	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2002/05/20 08:47
-	47	<pre>@ad&lt;=20010111 and (438/600).ccls. and 'titanium' and 'titanium nitride' and 'tungsten'</pre>	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2002/05/20 08:48
-	3	@ad<=20010111 and 'dielectric' with 'titanium' with 'anneal' and 'hydrogen'	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2002/05/20 10:22
	94	@ad<=20010111 and 'pre metal dielectric layer'	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2002/05/20 09:49
. –	37	(@ad<=20010111 and 'pre metal dielectric layer') and 'titanium'	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2002/05/20 09:50
	10	<pre>@ad&lt;=20010111 and 'refractory metal' adj 'hydrogen'</pre>	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2002/05/20
-	o	@ad<=20010111 and 'dielectric' with 'titanium' with 'hydrogen treatment'	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2002/05/20 10:16
-	41	@ad<=20010111 and 'dielectric' with 'titanium' with 'hydrogen'	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2002/05/20 10:16
-	269	@ad<=20010111 and 'titanium' with 'anneal' and 'hydrogen'	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2002/05/20

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-	38	@ad<=20010111 and 'titanium' with	USPAT;	2004/08/26
		'anneal' with 'hydrogen'	US-PGPUB;	16:28
		•	EPO; JPO;	
			DERWENT; IBM TDB	
1_	3	("5494860").PN.	USPAT;	2002/05/20
		( 5494000 ).FN.	US-PGPUB;	11:10
			EPO; JPO;	11.10
			DERWENT;	
			IBM TDB	
_	443	@ad<=20010111 and (438/627).ccls.	USPĀT;	2002/12/23
		(	US-PGPUB;	09:02
			EPO; JPO;	
			DERWENT;	
			IBM TDB	1
-	600	@ad<=20010111 and (438/628-630).ccls.	USPAT;	2002/12/23
			US-PGPUB;	09:00
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	1110	@ad<=20010111 and (438/637).ccls.	USPAT;	2002/12/23
			US-PGPUB;	09:01
			EPO; JPO;	
			DERWENT;	
		0-10-00010111 - 1 /420 /4751 3	IBM_TDB	0000 (10 (00
-	57	@ad<=20010111 and (438/475).ccls.	USPAT;	2002/12/23
			US-PGPUB;	09:01
			EPO; JPO;	İ
			DERWENT;	
_	2057	@ad<=20010111 and (257/750-753).ccls.	IBM_TDB USPAT;	2003/06/11
-	2037	ead<=20010111 and (257/750-753).CCIS.	US-PGPUB;	11:45
			EPO; JPO;	11.45
	İ		DERWENT;	
			IBM TDB	
_	311	(@ad<=20010111 and (438/627).ccls. ) and	USPAT;	2002/12/23
	""	'via' and 'barrier'	US-PGPUB;	09:04
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
-	270	(@ad<=20010111 and (438/628-630).ccls.)	USPAT;	2002/12/23
		and 'via' and 'barrier'	US-PGPUB;	09:03
			EPO; JPO;	
			DERWENT;	
		/0 14 00010111 1 //00//00=	IBM_TDB	0000/05/25
-	423	(@ad<=20010111 and (438/637).ccls.) and	USPAT;	2003/06/11
		'via' and 'barrier'	US-PGPUB;	11:27
			EPO; JPO; DERWENT;	
			IBM TDB	
l _	9	(@ad<=20010111 and (438/475).ccls.) and	USPAT;	2002/12/23
		'via' and 'barrier'	US-PGPUB;	09:03
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
_	542	(@ad<=20010111 and (257/750-753).ccls.)	USPAT;	2002/12/23
		and 'via' and 'barrier'	US-PGPUB;	09:03
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	169	(@ad<=20010111 and (438/637).ccls. ) and	USPAT;	2003/06/11
		'Ti' with 'barrier'	US-PGPUB;	11:29
			EPO; JPO;	
			DERWENT;	
	_	0-4-20010111 1 1 1 1 1	IBM_TDB	2002/06/11
_	1	Gad<=20010111 and 'Ti' with 'barrier'	USPAT;	2003/06/11
		same 'anneal' with 'hydrogen'	US-PGPUB;	11:31
			EPO; JPO;	
			DERWENT;	
L	J	<u> </u>	IBM TDB	l

Same 'anneal' with 'hydrogen'   US-PGPUB;   DO   13:24   EPO   JPO   DERWERT   IBM TDB   USPAT;   US					
Property   Property	-	4	@ad<=20010111 and 'Ti' same 'barrier'	USPAT;	2004/02/09
DERWENT: ISM TDB   USPAT: US-PGPUB;   USPAT: US-P			same 'anneal' with 'hydrogen'		13:24
1035					
-   1035   8ad<=20010111 and (257/750-753).ccls. and   USPAT;   US-PCPUB;   EPO; JPO; DERWENT; ISM TDB   USPAT;   US-PCPUB;   EPO; JPO; DERWENT; ISM TDB   USPAT;   USPACPUB;   USPAT;   USPAT				1	
'barrier'		1035	@ad<=20010111 and (257/750-753) ccls and	_	2003/06/11
-   4   @ad<=20010111 and 'TiN' same 'anneal'   USPAT: USPAC: USPAT: USPAC: USPAT: U		1033			l '
DERMENT; IRM TDB   2004/02/09   13:35   EPO: JPO: DERWENT; IRM TDB   2004/02/09   13:35   EPO: JPO: DERWENT; IRM TDB   2004/02/09   13:35   EPO: JPO: DERWENT; IRM TDB   2004/02/09   13:45   EPO: JPO: DERWENT; IRM TDB   2004/02/09   13:45   EPO: JPO: DERWENT; IRM TDB   USPAT; US-PGPUB; EPO: JPO: DERWENT; IRM TDB   USPAT; US-PGPUB; EPO: JPO: DERWENT; IRM TDB   2004/02/09   14:00   EPO: JPO: DERWENT; IRM TDB   2004/02/09   14:00   EPO: JPO: DERWENT; IRM TDB   2004/02/09   14:00   EPO: JPO: DERWENT; IRM TDB   2004/02/09   14:04   EPO: JPO: DERWENT; IRM TDB   USPAT; US-PGPUB; EPO: JPO: DERWENT; IRM TDB   USPAT; US-P			Dallici		111.17
-   4					1
-   4   @ad<-20010111 and 'TiN' same 'anneal'   US-PGUB; ame 'hydrogen plasma'   US-PGUB; and 'hydrogen plasma'   US-PGUB; and 'BM TDB   USPAT; and 'titanium'   USPAT; and 'USPAT; and 'titanium'   USPAT; and 'titanium'					
Same 'hydrogen plasma'   US-PGPUB;   EPO; JPO; DERWENT; IBM TDB   USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	_	4	@ad<=20010111 and 'TiN' same 'anneal'		2004/02/09
BEPO; JPO; DERWENT; IBM_TDB   USPAT; US-FGPUB; BEPO; JPO; JPO; DERWENT; IBM_TDB   USPAT; US-FGPUB; BEPO; JPO; JPO; DERWENT; IBM_TDB   USPAT; US-FGPUB; JPO; JPO; DERWENT; IBM_TDB   USPAT; US-FGPUB; JPO; JPO; DERWENT; IBM_TDB   USPAT; US-FGPUB; JPO; JPO; JPO; JPO; JPO; JPO; JPO; JPO			same 'hydrogen plasma'	US-PGPUB;	
TBM_TDB   USPAT;   USPGPUB;   EPO; JPO;   DERWENT;   IBM_TDB   USPAT;   USPGPUB;   EPO; JPO; DERWENT;   IBM_TDB   USPAT;   USPGPUB;   EPO; JPO;   DERWENT;   IBM_TDB   USPAT;   USPGPUB;   EPO; JPO;   DERWENT;   IBM_TDB   USPAT;				EPO; JPO;	
- 377				DERWENT;	
US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; PO; JPO; DERWENT; IBM TDB USPAT; PO; DERWENT; IBM TDB USPAT; PO; DERWENT; IBM TDB USPAT; PO; JPO; DERWENT; PO; JPO;	i				
Total conductive   Same   Sa	-	377	@ad<=20010111 and 'RTP' same 'titanium'		· · · · · · · · · · · · · · · · · · ·
- 175				· ·	13:45
TIM TDB	Į				
175					
'titanium' same 'plasma'		175	Gade=20010111 and language game		2004/02/09
BEPC; JPO; DERWENT; IBM TDB   USPAT; US-PGPUB; EPO; JPO; DERWENT;	-	1/5	•	-	
DERWENT; IBM_TDB   USPAT;   US-PGPUB;   EPO; JPO; DERWENT; IBM_TDB   USPAT;   US-PGPUB;   EPO; JPO; DERWENT; IBM_TDB   USPAT;   US-PGPUB;   EPO; JPO; DERWENT; IBM_TDB   USPAT;   USP			creamin same brasma.		14.00
- 36					
-   3					
'conductive liner'	-	3	@ad<=20010111 and 'anneal' same	_	2004/02/09
Bed					1
- 35					-
- 35	1			· ·	
Conductive' same 'hydrogen'				IBM_TDB	
EPO; JPO; DERWENT; IBM_TDB   USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB   USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB   USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB   USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB   USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB   USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB   USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB   USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB   USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB   USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB   USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB   USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB   USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB   USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB   USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB   USPAT; US-PGPUB;	-	35		1	
DERWENT; IBM TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; ISPAT; US-PGPUB;		1	'conductive' same 'hydrogen'		14:06
- 725 @ad<=20010111 and 'rapid thermal' same 'USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;					
- 725					
'conductive'		705	0 14 00010111 1 1 1 1 1 1	_	2004/02/00
- 376 @ad<=20010111 and 'rapid thermal' same USPAT;	_	/25		1	
DERWENT; IBM_TDB USPAT; 'conductive' and 'plasma'    Gad<=20010111 and 'rapid thermal' same 'EPO; JPO;   DERWENT; IBM_TDB USPAT;   US-PGPUB; EPO; JPO; DERWENT; IBM_TDB   USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB   USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB   USPAT; USPAT; USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB   USPAT; USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB   USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB   USPAT; US-PGPUB; US-PGPUB; US-PGPUB; IBM_TDB   USPAT; US-PGPUB; US-PGPUB; I4:38			conductive.	1	14.00
- 376 @ad<=20010111 and 'rapid thermal' same 'conductive' and 'plasma' USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; IA:38	•				
- 376 @ad<=20010111 and 'rapid thermal' same 'conductive' and 'plasma' USPĀT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPĀT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPĀT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPĀT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPĀT; USPĀTĀT; USPĀTĀT USPĀTĀT USPĀTĀT USPĀTĀT USPĀTĀT USPĀTĀT USPĀTĀT USPĀTĀT USPĀTĀT USPĀTĀT USPĀT					
'conductive' and 'plasma'	_	376	@ad<=20010111 and 'rapid thermal' same		2004/02/09
EPO; JPO; DERWENT; IBM_TDB  Gad<=20010111 and 'rapid thermal' same 'conductive' and 'plasma anneal'  Gad<=20010111 and 'rapid thermal' same 'specific per same 'speci				US-PGPUB;	14:07
Cad<=20010111 and 'rapid thermal' same			•		· ·
- S @ad<=20010111 and 'rapid thermal' same 'conductive' and 'plasma anneal'  - USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; USPAT; US-PGPUB; US-PGPUB; USPAT; US-PGPUB; U				1	
'conductive' and 'plasma anneal'					
EPO; JPO; DERWENT; IBM_TDB  Gad<=20010111 and 'rapid thermal' same USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB  USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB  Gad<=20010111 and 'hydrogen treatment' USPAT; US-PGPUB; US-PGPUB; 14:38	-	5	@ad<=20010111 and 'rapid thermal' same		
DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; USPAT; US-PGPUB; Same 'ti' same 'tin' US-PGPUB; US-PGPUB; 14:38			'conductive' and 'plasma anneal'		14:11
- 2 @ad<=20010111 and 'rapid thermal' same		1			
- 2 @ad<=20010111 and 'rapid thermal' same		1			
'Ti' and 'treating' same 'hydrogen'		_			2004/02/10
EPO; JPO; DERWENT; IBM_TDB  - 2 @ad<=20010111 and 'hydrogen treatment' USPAT; 2004/02/09 us-pgpuB; 14:38	-				
DERWENT; IBM_TDB USPAT; Same 'ti' same 'tin'  DERWENT; IBM_TDB USPAT; US-PGPUB; 14:38		1	and creating same mydrogen		33.33
-   2   @ad<=20010111 and 'hydrogen treatment'		1			
- 2 @ad<=20010111 and 'hydrogen treatment' USPAT; 2004/02/09 same 'ti' same 'tin' US-PGPUB; 14:38		1			
same 'ti' same 'tin' US-PGPUB; 14:38	_	2	@ad<=20010111 and 'hydrogen treatment'		2004/02/09
• • • • • • • • • • • • • • • • • • •		1			
				EPO; JPO;	
DERWENT;		1			
IBM_TDB		I			
- 123   @ad<=20010111 and 'hydrogen plasma' same   USPAT;   2004/02/09	-	123			
'treatment' same 'metal' US-PGPUB; 14:56		1	'treatment' same 'metal'		14:56
EPO; JPO;					
DERWENT;					
	l _		0adc=20010111 and   H sub 2 nlasma! same		2004/08/30
'titanium' same 'TiN' US-PGPUB; 09:51	-	"			1
EPO; JPO;			CICATILLIN SAME III		33.31
DERWENT;		1			
				IBM TDB	

-	13	<pre>@ad&lt;=20010111 and 'H.sub.2 plasma' same 'titanium'</pre>	USPAT; US-PGPUB;	2004/08/30 09:52
			EPO; JPO; DERWENT;	
		0-14-00010111 1 177 1 0 1	IBM_TDB	0004400400
-	0	<pre>@ad&lt;=20010111 and 'H.sub.2 plasma' same 'refractory metal'</pre>	USPAT; US-PGPUB;	2004/02/09 15:18
		retractory metar	EPO; JPO;	15:10
1			DERWENT;	
			IBM TDB	
_	50	@ad<=20010111 and 'H.sub.2 plasma' same	USPAT;	2004/02/09
ł		'metal'	US-PGPUB;	15:18
	1		EPO; JPO;	
1			DERWENT;	
			IBM TDB	
-	16	@ad<=20010111 and 'H.sub.2 plasma' with	USPAT;	2004/02/09
		'metal'	US-PGPUB;	15:50
			EPO; JPO;	
			DERWENT;	
	_		IBM_TDB	2004/02/00
-	8	@ad<=20010111 and 'H.sub.2 plasma' with 'tantalum'	USPAT;	2004/02/09 15:53
		cantarum	US-PGPUB; EPO; JPO;	10:00
			DERWENT;	
			IBM TDB	
_	3	@ad<=20010111 and 'titanium silicide'	USPAT;	2004/02/09
		same 'H.sub.2 plasma'	US-PGPUB;	15:54
		-	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	7	@ad<=20010111 and 'silicide' same	USPAT;	2004/02/09
		'H.sub.2 plasma'	US-PGPUB;	15:54
			EPO; JPO;	
		•	DERWENT;	
_	710	@ad<=20010111 and 'hydrogen' same	IBM_TDB USPAT;	2004/02/10
	'10	'treatment' same 'conductive'	US-PGPUB;	08:54
		ordaniero bame conducerve	EPO; JPO;	
			DERWENT;	
}			IBM_TDB	
-	6	@ad<=20010111 and 'rapid thermal anneal'	USPAT;	2004/02/10
		and 'hydrogen' same 'treatment' same	US-PGPUB;	08:54
1		'conductive'	EPO; JPO;	
			DERWENT;	
_	10	@ad<=20010111 and 'rapid thermal' same	IBM_TDB USPAT;	2004/02/10
_	10	conductive   and 'treating' same	US-PGPUB;	09:06
		'hydrogen'	EPO; JPO;	53.00
			DERWENT;	
			IBM TDB	
-	169	_	USPAT;	2004/02/10
1		'treating' same 'hydrogen'	US-PGPUB;	09:06
			EPO; JPO;	
			DERWENT;	
		0-4x-20010111 and 1-c-4	IBM_TDB	2004/02/10
-	7	<pre>@ad&lt;=20010111 and 'conductive' same 'treating' same 'hydrogen plasma'</pre>	USPAT; US-PGPUB;	2004/02/10 09:06
		creating same mydrogen prasma	EPO; JPO;	09.00
			DERWENT;	
			IBM TDB	
-	l 0	@ad<=20010111 and 'conductive barrier'	USPAT;	2004/08/26
	<u> </u>	same 'anneal' same 'plasma treament'	US-PGPUB;	15:45
		-	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	0	@ad<=20010111 and 'barrier' with 'anneal'	USPAT;	2004/08/26
		same 'hydrogen treament'	US-PGPUB;	15:46
			EPO; JPO;	
			DERWENT; IBM TDB	
L	L	L	1 100	<u> </u>

-	644	<pre>@ad&lt;=20010111 and 'barrier' with 'anneal'</pre>		2004/08/26 L5:46
			IBM TDB	
-	290	<pre>@ad&lt;=20010111 and 'barrier' with 'anneal' and 'plasma'</pre>	USPĀT; 2	2004/08/26 L5:47
-	0	<pre>@ad&lt;=20010111 and 'barrier' with 'anneal' same 'ashing'</pre>	US-PGPUB; 1 EPO; JPO;	2004/08/26 L5:47
_	54	<pre>@ad&lt;=20010111 and 'barrier' with 'anneal' same 'plasma'</pre>		2004/08/26 L6:04
-	3	@ad<=20010111 and 'barrier' with 'anneal' same 'plasma' with 'cleaning'	IBM_TDB USPAT; 2	2004/08/26 L5:48
-	0	<pre>@ad&lt;=20010111 and 'anneal' with 'conductive liner' same 'plasma'</pre>		2004/08/26 16:05
-	21	<pre>@ad&lt;=20010111 and 'anneal' with 'conductive' same 'plasma'</pre>		2004/08/26 16:05
-	42	@ad<=20010111 and 'titanium' with 'anneal' with 'hydrogen'	IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2004/08/30 08:13
_	1	<pre>@ad&lt;=20010111 and 'anneal' with 'titanium' and 'hydrogen' adj1 'treatment'</pre>		2004/08/30 07:29
-	14	<pre>@ad&lt;=20010111 and 'H.sub.2 plasma' same 'titanium'</pre>	1 ' 1	2004/08/30 07:46
-	4	(("5246881") or ("5610106")).PN.		2004/08/30 07:46
-	31	<pre>@ad&lt;=20010111 and 'barrier' with 'anneal' with 'hydrogen'</pre>	IBM_TDB USPAT; 2	2004/08/30 07:51
-	7	<pre>@ad&lt;=20010111 and 'anneal' with 'titanium' same 'clean' with 'native oxide'</pre>	US-PGPUB; ( EPO; JPO;	2004/08/30 08:21
-	8	@ad<=20010111 and 'titanium' with 'anneal' same 'hydrogen' same 'plasma'	1	2004/08/30 08:29
	I		IBM TDB	

	,			
-	9	@ad<=20010111 and 'silicide' same 'clean'	USPAT;	2004/08/30
	1	adj1 'oxide'	US-PGPUB; EPO; JPO;	08:39
	]		DERWENT;	
			IBM TDB	
_	7	@ad<=20010111 and 'annealing' with	USPAT;	2004/08/30
	·	'adhesive' same 'titanium'	US-PGPUB;	09:12
			EPO; JPO;	1
			DERWENT;	
			IBM TDB	
-	57	<pre>@ad&lt;=20010111 and 'titanium' same 'rapid'</pre>	USPAT;	2004/08/30
		with 'thermal' same 'native' adj1 'oxide'	US-PGPUB;	08:47
			EPO; JPO;	
			DERWENT;	
	28	Gode=20010111 and ltitanium! with Imamid!	IBM_TDB USPAT;	2004/08/30
-	20	<pre>@ad&lt;=20010111 and 'titanium' with 'rapid' with 'thermal' same 'native' adj1 'oxide'</pre>	USPAT; US-PGPUB;	08:47
		with theimal same hative adji oxide	EPO; JPO;	00.47
			DERWENT;	
			IBM TDB	
_	2	@ad<=20010111 and 'annealing' with	USPAT;	2004/08/30
	_	'conductive liner'	US-PGPUB;	09:13
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	45	@ad<=20010111 and 'anneal' with	USPAT;	2004/08/30
		'titanium' and 'remove' adj1 'oxide'	US-PGPUB;	09:14
			EPO; JPO;	
			DERWENT;	
		0-d-20010111 and languaging with	IBM_TDB USPAT;	2004/08/20
-	4	@ad<=20010111 and 'annealing' with   'conductive' same 'remove' adj1 'oxide'	US-PGPUB;	2004/08/30 09:22
		Conductive same remove adji oxide	EPO; JPO;	09.22
			DERWENT;	
			IBM TDB	
_	16		USPAT;	2004/08/30
		'conductive' same 'hydrogen' with 'oxide'	US-PGPUB;	10:18
İ			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	21		USPAT;	2004/08/30
		'conductive' and 'hydrogen plasma'	US-PGPUB;	09:23
			EPO; JPO; DERWENT;	
			IBM TDB	
_	1	@ad<=20010111 and 'conductive barrier'	USPAT;	2004/08/30
		same 'H.sub.2 plasma'	US-PGPUB;	09:51
		•	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	14	@ad<=20010111 and 'H.sub.2 plasma' same	USPAT;	2004/08/30
		'titanium'	US-PGPUB;	10:04
		•	EPO; JPO;	
1			DERWENT;	
1_	10	@ad<=20010111 and 'H.sub.2 plasma' same	IBM_TDB USPAT;	2004/08/30
-	1	'tantalum'	US-PGPUB;	10:13
		- COLLOGE WIN	EPO; JPO;	
			DERWENT;	
			IBM TDB	
-	41	@ad<=20010111 and 'H.sub.2' with 'plasma'	USPĀT;	2004/08/30
		same 'tantalum'	US-PGPUB;	10:04
			EPO; JPO;	
			DERWENT;	
	160		IBM_TDB USPAT;	2004/09/20
-	166	<pre>@ad&lt;=20010111 and 'H.sub.2' with 'plasma' same 'titanium'</pre>	USPAT; US-PGPUB;	2004/08/30 10:04
		Same Creations	EPO; JPO;	10.01
			DERWENT;	
			IBM TDB	
		· <del> </del>		<del></del>

-	0	@ad<=20010111 and 'tantalum oxide' with 'remove' with 'H.sub.2 plasma'	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2004/08/30 10:14
_	0	<pre>@ad&lt;=20010111 and 'titanium' adj1 'oxide' with 'remove' with 'H.sub.2 plasma'</pre>	IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2004/08/30 10:14
-	0	@ad<=20010111 and 'titanium' adj1 'oxide' same 'remove' same 'H.sub.2 plasma'	DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2004/08/30 10:14
-	0	<pre>@ad&lt;=20010111 and 'tantalum oxide' with 'clean' with 'H.sub.2 plasma'</pre>	DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2004/08/30
-	0	<pre>@ad&lt;=20010111 and 'titanium' adj1 'oxide' same 'clean' same 'H.sub.2 plasma'</pre>	DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2004/08/30 10:14
-	17	@ad<=20010111 and 'oxide' same 'clean' same 'H.sub.2 plasma'	DERWENT; IBM_TDB USPAT; US-PGPUB;	2004/08/30 10:16
-	0	@ad<=20010111 and 'clean' same 'titanium oxide' same 'ammonia' with 'plasma'	EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB;	2004/08/30 10:16
-	0	@ad<=20010111 and 'annealing' adj2 'titanium' same 'treat' with 'hydrogen'	EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB;	2004/08/30 10:19
_	0	<pre>@ad&lt;=20010111 and 'annealing' same 'titanium' same 'treat' same 'hydrogen'</pre>	EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB;	2004/08/30
	21	Gad<=20010111 and 'annealing' same	DS-PGPOB; EPO; JPO; DERWENT; IBM_TDB USPAT;	2004/08/30
	31	'titanium' and 'hydrogen' adj1 'treatment'	US-PGPUB; EPO; JPO; DERWENT; IBM TDB	11:41
-	8	<pre>@ad&lt;=20010111 and 'annealing' same 'tantalum' and 'hydrogen' adj1 'treatment'</pre>	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2004/08/30 10:33
-	1	<pre>@ad&lt;=20010111 and 'annealing' same 'tantalum' and 'hydrogen' adjl 'treat'</pre>	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2004/08/30 10:31
-	393	@ad<=20010111 and 'annealing' with 'tantalum'	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2004/08/30 10:34
_	20	@ad<=20010111 and 'oxide' same 'remove' same 'H.sub.2 plasma'	IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2004/08/30
			DERWENT; IBM TDB	

-	16	(@ad<=20010111 and 'annealing' with	USPAT;	2004/08/30
		'tantalum') and 'native oxide'	US-PGPUB;	10:34
			EPO; JPO;	
			DERWENT; IBM TDB	
_	65	@ad<=20010111 and 'annealing' same	USPAT;	2004/08/30
	03	'titanium' same 'native oxide'	US-PGPUB;	10:50
		ertainam same native oxide	EPO; JPO;	10.50
			DERWENT;	
			IBM TDB	
-	0	@ad<=20010111 and 'native oxide' adj1	USPAT;	2004/08/30
		'on' with 'titanium' same 'clean'	US-PGPUB;	10:51
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	33	@ad<=20010111 and 'native oxide' with	USPAT;	2004/08/30
		'titanium' same 'clean'	US-PGPUB;	10:51
			EPO; JPO; DERWENT;	
			IBM TDB	
_	58	@ad<=20010111 and 'native oxide' with	USPAT;	2004/08/30
		'titanium' same 'remove'	US-PGPUB;	11:03
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	6	<del>-                                   </del>	USPĀT;	2004/08/30
		'titanium' same 'remove'	US-PGPUB;	11:06
1			EPO; JPO;	
			DERWENT;	
	2.5		IBM_TDB	
-	35	<pre>@ad&lt;=20010111 and 'removing' with 'native oxide' with 'titanium'</pre>	USPAT;	2004/08/30
Ì		oxide with titanium.	US-PGPUB; EPO; JPO;	11:06
			DERWENT;	
			IBM TDB	
_	23	@ad<=20010111 and 'annealing' with	USPAT;	2004/08/30
		'titanium' with 'native oxide'	US-PGPUB;	11:44
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	21	@ad<=20010111 and 'RTP' with 'titanium'	USPAT;	2004/08/30
		with 'oxide'	US-PGPUB;	12:20
		·	EPO; JPO;	
1			DERWENT; IBM TDB	
_	10	   @ad<=20010111 and 'RTP' same 'titanium	USPAT;	2004/08/30
	10	oxide'	US-PGPUB;	11:50
1			EPO; JPO;	
1			DERWENT;	
			IBM_TDB	
-	14	@ad<=20010111 and 'RTA' same 'titanium	USPĀT;	2004/08/30
		oxide'	US-PGPUB;	12:15
			EPO; JPO;	
			DERWENT;	
1		0.4 - 20010111 1	IBM_TDB	2004/00/20
-	69	@ad<=20010111 and 'RTA' same 'tantalum'	USPAT;	2004/08/30
			US-PGPUB; EPO; JPO;	12:16
1			DERWENT;	
			IBM TDB	
-	11	@ad<=20010111 and 'RTA' same 'tantalum'	USPAT;	2004/08/30
		adj1 'oxide'	US-PGPUB;	12:17
'	l		EPO; JPO;	]
			DERWENT;	
			IBM_TDB	
-	11	@ad<=20010111 and 'RTA' same 'tantalum	USPAT;	2004/08/30
		oxide'	US-PGPUB;	12:17
			EPO; JPO;	
			DERWENT; IBM TDB	
L	L	<u> </u>	TDt. TDD	<u> </u>

-	6	@ad<=20010111 and 'RTP' with 'titanium	USPAT;	2004/08/30
		oxide'	US-PGPUB;	12:30
			EPO; JPO;	
1			DERWENT;	
1			IBM TDB	
1_	0	@ad<=20010111 and 'RTP' and 'titanium	USPAT;	2004/08/30
		oxide' and 'native oxide' and 'H.sub.2	US-PGPUB;	12:33
			· ·	12:33
		plasma'	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	29	@ad<=20010111 and 'hydrogen treatment'	USPAT;	2004/08/30
		same 'reduce' with 'oxide'	US-PGPUB;	12:42
			EPO; JPO;	
			DERWENT;	
	ł		IBM TDB	
!	3	@ad<=20010111 and 'hydrogen plasma' same	USPAT;	2004/08/30
!	J	'Ti' same 'reduce' with 'oxide'	US-PGPUB;	12:43
		II Same Icaace with Oxiae	EPO; JPO;	12.13
			DERWENT;	
		l	IBM_TDB	
-	160		USPAT;	2004/08/30
		'titanium' same 'reduce' with 'oxide'	US-PGPUB;	12:45
			EPO; JPO;	
			DERWENT;	
	1		IBM TDB	
<u> </u>	2	@ad<=20010111 and 'anneal' with	USPAT;	2004/08/30
	-	'titanium' same 'hydrogen' same 'reduce'	US-PGPUB;	12:48
		with 'oxide'	EPO; JPO;	12.10
		with oxide	DERWENT;	
1				
			IBM_TDB	0004/00/00
-	0	@ad<=20010111 and 'plasma hydrogen' with	USPAT;	2004/08/30
·		'reduce' with 'oxide'	US-PGPUB;	12:49
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	13	@ad<=20010111 and 'H.sub.2' with 'plasma'	USPAT;	2004/08/30
		with 'reduce' with 'oxide'	US-PGPUB;	13:01
	l		EPO; JPO;	
			DERWENT;	Į l
			IBM TDB	
	4	@ad<=20010111 and 'silicide' same 'plasma	USPAT;	2004/08/30
-	1			12:55
		clean' with 'oxide'	US-PGPUB;	12.33
-			EPO; JPO;	
			DERWENT;	
	1		IBM_TDB	
-	3	0	USPAT;	2004/08/30
	]	clean' with 'oxide'	US-PGPUB;	12:56
	1		EPO; JPO;	
			DERWENT;	
			IBM TDB	
_	8	@ad<=20010111 and 'titanium' same 'plasma	USPAT;	2004/08/30
		clean'	US-PGPUB;	12:56
		orcan	EPO; JPO;	
				1
			DERWENT;	
1			IBM_TDB	0004/00/00
-	3	•	USPAT;	2004/08/30
		'plasma' with 'remove' with 'oxide'	US-PGPUB;	14:00
			EPO; JPO;	
			DERWENT;	
			IBM TDB	1
L	·	<u> </u>		